PREWIRED BAYS (23-INCH)

GENERAL DESCRIPTION

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1. GENERAL

1.01 This Section provides a general description of the D448 11 ft 6 in. (600174-800), 9 ft (600175-800), and 7 ft (600176-800) prewired bays (Fig. 1).

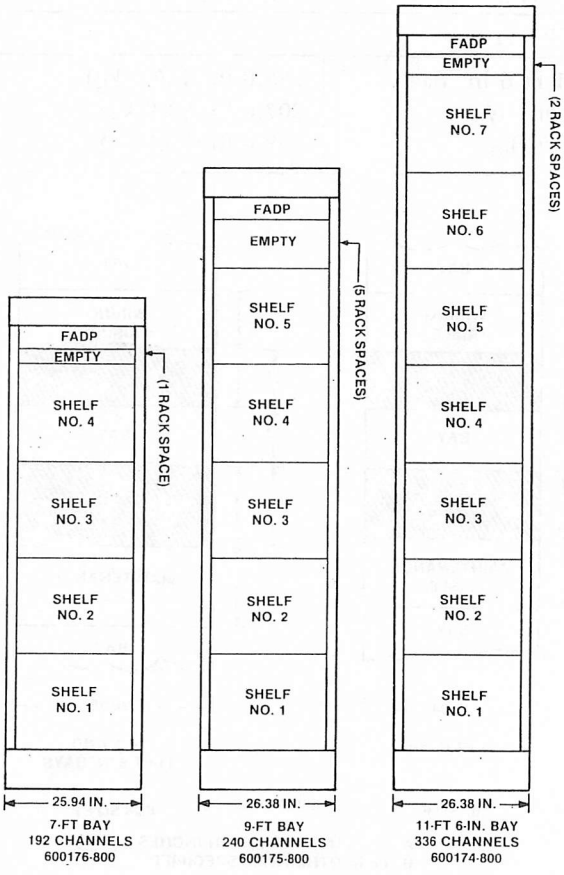

Fig. 1—Prewired Bays A1571-1

1.02 This Section has been reissued to add information on the Group -003 multiplex shelf which is used with dataport channel units and to correct Para. 3.01.

1.03 An 11 ft 6 in. bay provides for the mounting of up to 336 channels, a 9 ft bay provides for the mounting of up to 240 channels, and a 7 ft bay provides for the mounting of up to 192 channels.

2. DESCRIPTION

2.01 The bays mount in a central office (C.O.). Installation procedures for the bay are provided in Section ITTR-18-404.

2.02 The 11 ft 6 in. bay is available in seven groups, the 9 ft bay is available in five groups, and the 7 ft bay is available in four groups. The differences are described in Table A. Refer to Section ITTR-18-005 for a description of multiplex shelf types.

TABLE A

11 FT 6 IN. BAY (600174-800-XXX), 9 FT BAY (600175-800-XXX), AND 7 FT BAY (600176-800-XXX) SUFFIX NUMBERS (-XXX)

NO. OF SHELVES	SHELF TYPE*				BAY HEIGHT
	628001	628005	628011	628015	
1	-001	-011	-021	-031	7 Ft,
2	-002	-012	-022	-032	9 Ft, &
3	-003	-013	-023	-033	11 Ft 6 In.
4	-004	-014	-024	-034	
5	-005	-015	-025	-035	9 Ft & 11 Ft 6 In. ONLY
6	-006	-016	-026	-036	11 Ft 6 In.
7	-007	-017	-027	-037	ONLY

*All bays can be ordered with Group -003 multiplex shelves, which are dataport compatible. To order a bay with Group -003 shelves, insert a 1 in the last three digits of the part number (1XX). For example: a 600174-800-001 7-ft bay with one 628001 (Group -001) shelf would be ordered as 600174-800-101.

2.03 Each prewired bay consists of a 23-inch wide unequal-flange relay rack which provides the mounting for a number of multiplex shelves and a fuse, alarm and distribution panel (FADP).

2.04 The FADP provides fused power to all shelves in a bay and termination blocks for all intrabay and office wiring (except VF and signaling connections).

2.05 The multiplex shelves provide for the mounting of up to 48 D448 channel units (2 digroups) and the D448 common equipment. Customer connections for VF and signaling are made directly to the back of the multiplex shelves using 25-pair VF drop connectors.

2.06 All bays have a removable plate for mounting a communications panel in the flange.

2.07 An identification label, located on the top of the bay, identifies the bay part number and issue letter.

3. OPTIONS

3.01 Strapping options are provided on both the multiplex shelves and the FADP. Refer to Section ITTR-18-405 for information on option selection.

4. SPECIAL FEATURES

4.01 Front and rear ac convenience outlets may be ordered separately by the operating company as follows: front outlet (ITT Part No. 600032-700-001), rear outlet (ITT Part No. 600033-700-001).

5. TECHNICAL SUMMARY

5.01 A summary of the technical specifications for the bays is given in Table B.

TABLE B

TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATION
FLOOR SPACE REQUIREMENTS (Defined as the area of a rectangle formed by the frameside and the centerline of the front (maintenance) and rear (wiring) aisles. Refer to Fig. 2.	
11 Ft 6 In. Bay	8.24 sq ft (0.77 sq m)
9 Ft Bay	8.24 sq ft (0.77 sq m)
7 Ft Bay	7.02 sq ft (0.65 sq m)

TABLE B (CONT)

ITEM	SPECIFICATION
FLOOR LOADING (Based on weights and floor space requirements)	
11 Ft 6 In. Bay	39.7 lb/sq ft (169.5 kg/sq m)
9 Ft Bay	25.1 lb/sq ft (122.7 kg/sq m)
7 Ft Bay	23.9 lb/sq ft (116.8 kg/sq m)
DIMENSIONS	
11 Ft 6 In. Bay	
Height	11.5 ft (3505.2 mm)
Depth	12.0 in. (304.8 mm)
Width	26.4 in. (670.1 mm)
9 Ft Bay	
Height	9.0 ft (2743.2 mm)
Depth	12.0 in. (304.8 mm)
Width	26.4 in. (670.1 mm)
7 Ft Bay	
Height	7.0 ft (2133.6 mm)
Depth	12.0 in. (304.8 mm)
Width	25.9 in. (658.9 mm)
WEIGHT	
11 Ft 6 In. Bay	286.0 lb (129.7 kg)
9 Ft Bay	207.0 lb (93.9 kg)
7 Ft Bay	168.0 lb (76.2 kg)

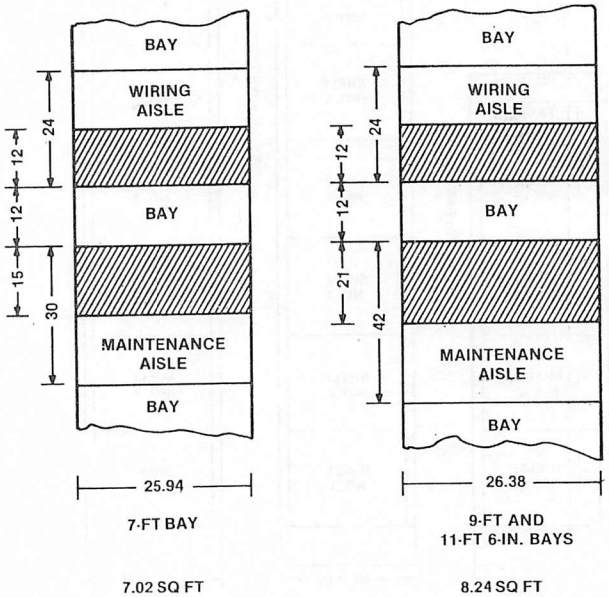

Fig. 2—Floor Space Requirements

6. REPLACEABLE PARTS

6.01 This unit has no field-replaceable parts.

7. REFERENCES

7.01 The engineering drawings noted in Table C were used in the preparation of this Section.

TABLE C

ENGINEERING DRAWINGS

TYPE	DRAWING NO.
Assembly	600174-800
Assembly	600175-800
Assembly	600176-800

7.02 Related information on the prewired bays may be found in the ITTR Sections referenced in Table D.

TABLE D

ITTR SECTION REFERENCES

TITLE	SECTION NO.
Connectorized Multiplex Shelf (MS/WC7, MS/WC5, MS/C7 and MS/C6), 628001, 628005, 628011 and 628015 (For 23-Inch Bays) — General Description	ITTR-18-005
Prewired Bays (23-Inch) — Option Selection, Installation and Pretest	ITTR-18-404
Connectorized Multiplex Shelf (MS/WC7, MS/WC5, MS/C7 and MS/C6), 628001, 628005, 628011 and 628015 (For 23-Inch Bays) — Option Selection, Installation and Pretest	ITTR-18-405